REMARKS

Claims 1-14 are pending in the application. The Examiner has required new drawings. In addition, objection has been made to Figure 9. Applicants submit herewith Replacement Sheets for sheets 1/8 through 7/8 including Figures 1-8. Proposed drawing corrections to Fig. 9 are submitted herein to address the problems with Fig. 9. First, the line from box 906 to box 910, which the Examiner astutely noted would produce an endless loop, has been eliminated and a line from box 906 up to step 903 of the first loop has been inserted. In addition, box 912, which had been inadvertently omitted from the figure, has been inserted between the first and second loops. Support for the corrections can be found in the paragraph of the Specification from page 16, line 20 through page 17, line 14. As taught therein, p is set to 1 at the beginning of the first loop at box 901 (page 16, line 14) and at the beginning of the second loop at box 912 (page 17, line 6). Further, the passage at page 17, lines 3-5 supports the correction of the line from box 906, at which "p=N?" is determined, up to box 903 at which the first loop "process is repeated". The Figure is additionally corrected to change "interactions" to "iterations" to correct the

Draftsman's error in spelling. Further, the text of box 902 has been corrected to read "Compute k_1 to k_{2N-1}". Support for the correction is found in independent Claims 1, 9 and 10 as well as on page 17, lines 5-7 wherein it is stated that the process "begins another loop 911, resetting p to 1 (912) but using the same k_i values". Values k_1 to k_{2N-1} are defined for the process. In the first loop, the first packet has k_1 copied into it, the second packet has k_2 copied into it, and so on through the Nth packet having k_N. Once p=N, such that setting "p=p+1" exceeds N, the second loop commences using the same progression of k_i iterations, copying the next successive iterations of k into the packets in the reverse order. Therefore, the next k_i iteration, k_{N+1}, is copied into packet N, the k_{n+2} iteration is copied into packet N-1, and so on through k_{2N-1} being copied into the first packet, before N=p (i.e., wherein N-p=0). Applicants believe that the proposed drawing corrections address the Examiner's concerns, find support in the Specification, and do not add new matter to the application.

With regard to the Examiner's statement that "Figure 9 itself uses the undefined value of K-1 at steps (903 and 908) when p is equal to 1", Applicants request

clarification of the statement, since "K-1" is not depicted in either box 903 or box 908.

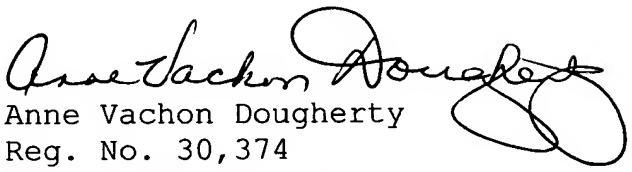
With regard to the Examiner's statement that "the disclosure does not take into account if there are not enough transform coefficients to complete a loop". Applicants respectfully assert that the Specification clearly establishes that the k_i values are computed, as detailed on page 16, lines 14-19 and page 17, line 1, "computed in such a way that the same energy is put into every packet". "The number of iterations is imposed by the compression algorithm" (see, page 15, line 3) and the pursuit iteration stream 700 is packetized into N equivalent energy packets. Therefore, by definition, sufficient iterations are available to complete the loops through N packets.

Finally, with regard to the Examiner's statement that "the total number of transform coefficients has not be defined *(sic)*", Applicants respectfully assert that novelty under the present invention lies in the way in which transform coefficients are distributed, regardless of the method for arriving at the transform coefficients. Accordingly, Applicants believe that the rejections under 35 USC 112 should be withdrawn.

Based on the foregoing amendments and remarks, Applicants respectfully request entry of the amendments, reconsideration of the claim language, withdrawal of the rejections, and issuance of the claims.

Respectfully submitted,

P. Frossard, et al

By: 

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PROPOSED DRAWING CORRECTIONS

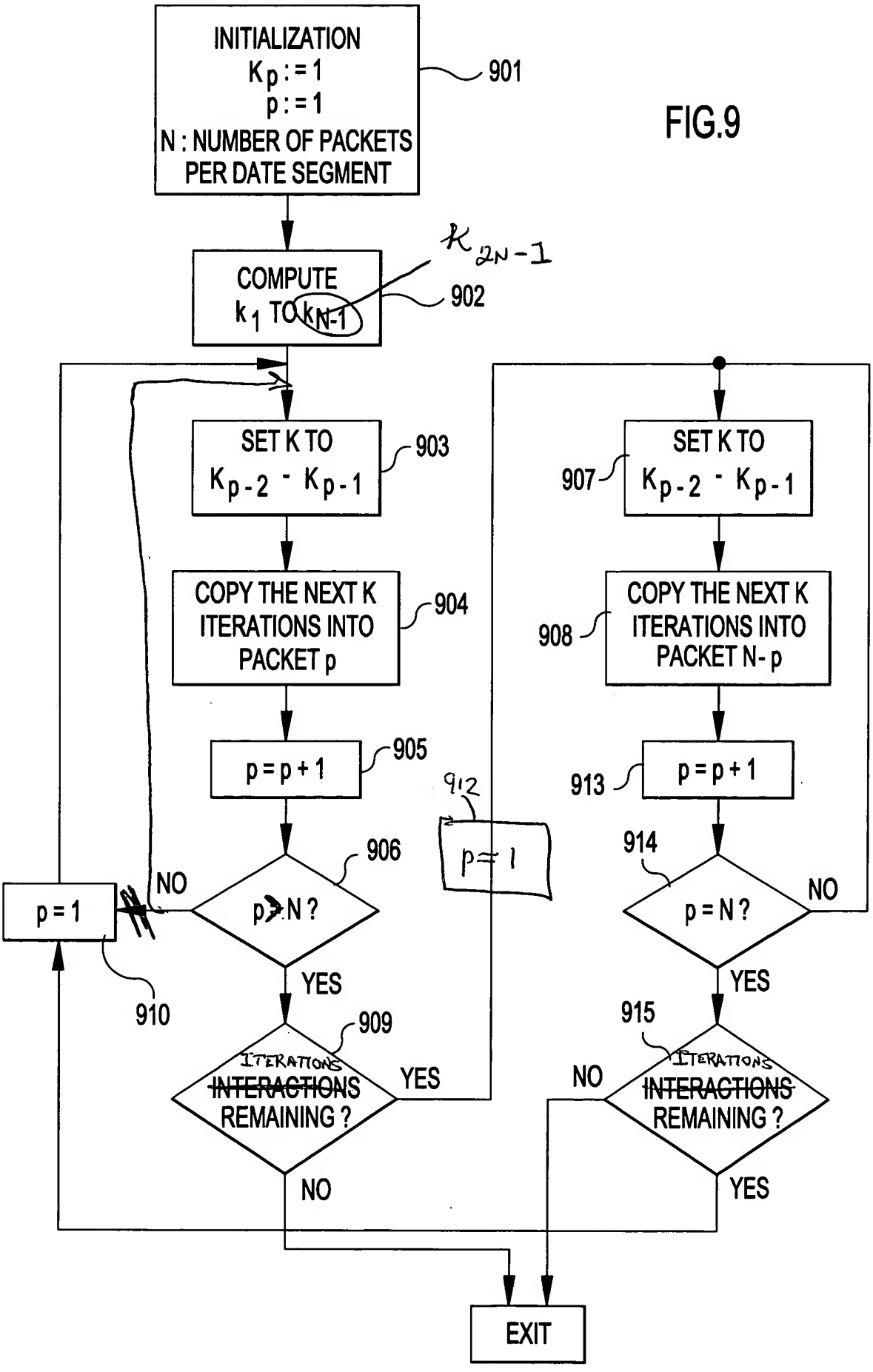

FIG.9